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**(54) INTERLAYER FOR LAMINATED GLASS**

**(57)Abstract:**

**PURPOSE:** To improve the sound insulation and optical strain of the laminated glass by using a laminated film composed of specific two kinds of polyvinyl acetal resin as an interlayer.

**CONSTITUTION:** A polyvinyl alcohol having 500-3000 of average polymerization degree and 78-92% of saponification degree is reacted with a 4-6C aldehyde to obtain a polyvinyl acetal resin having 40mol% or higher of acetalization degree, and 100 pts.wt. of this resin is kneaded with 35-65 pts.wt. of a plasticizer to obtain a resin film (A) having thickness of  $\geq 0.05$ mm. Besides, a polyvinyl alcohol having average polymerization degree of 500-3000 and saponification degree of  $\geq 96\%$  is reacted with a 3-4C aldehyde to obtain a polyvinyl acetal resin having  $\geq 50$ mol% of acetalization degree, and 100 pts.wt. of this resin is kneaded with 25-55 pts.wt. of a plasticizer to obtain a resin film (B). It is preferable that the objective interlayer be made up of a sum of two or more layers of the films A and B (esp. B/A/B construction); the interlayer is so constituted as to be 0.3-1.6mm in the overall thickness and also that the thicknesses of A and B are 9-25% and  $\geq 0.2$ mm of a total respectively.

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